

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-190  
Relating to Certification of New Motor Vehicles

DAIMLERCHRYSLER AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year DaimlerChrysler AG exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YMBXV05.0GNB Displacement: 4.3 Liters (260 Cubic Inches)  
5.0 Liters (303 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection  
Secondary Air Injection  
Exhaust Gas Recirculation  
Dual Three Way Catalytic Converters  
Dual Warm Up Three Way Catalytic Converters  
Dual Heated Oxygen Sensors (two)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The LEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gases</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gases (NMOG) reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gases</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.022	0.4	0.1	0.001	3.0
100,000	0.022	0.5	0.1	0.001	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: (For C43 AMG, CLK430, S430 and S500 only) That the listed models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: (For E430 and SL500 only) That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

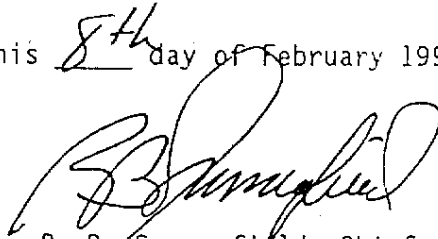
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 8th day of February 1999.



R. B. Summerfield, Chief  
Mobile Source Operations Division

# 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: DaimlerChrysler AG Exh. Engine Family: YMBXV05.0GNB Evap. Family: YMBXR0155MNZ ←  
 All Eng. Codes in Eng. Fam.: CA 49S 50S X AB965 OVRV Yes X NO NO  
 Exh. Std.: CA Tier-1 TLEV LEV X ULEV SULEV US EPA Tier-1 NLEV  
 Veh. Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5  
 Single Cert. Std. for Multi-Class Eng. Fam.: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Fuel Gasoline X Diesel CNG LNG LPG M85 Other (specify) \_\_\_\_\_  
 Emiss. Test Fuel(s): Indo CBG X CNG LPG M85 Other (specify) \_\_\_\_\_  
 Diesel: 13 CCR 2282 40 CFR 86.113-90 40 CFR 86.113-94  
 Evaporative Emission Test Procedure: California Federal X  
 Service Accum: Std. AMA X Mod. AMA Mfr ADP Other (specify) \_\_\_\_\_  
 NMOG Test Procedure: N/A Std. X Equiv R/L Test Proc.: SHED X Pt Source \_\_\_\_\_  
 Engine Configuration: V-8 Displacement: 4.3 / 5.0 Liters 250 / 303 Cubic Inches  
 Valves per Cylinder: 3 Rated HP: 275@5750 / 302@5500 RPM  
 Engine: Front X Middle Rear Drive: FWD RWD X 4WD-FT X 4WD-PT \_\_\_\_\_  
 Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2H02S (2) / 2 WU-TWC / 2 TWC  
 (use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (If coded see attachment)	Trans. Type (A 4, M 5, etc.)	ETW or Test Wt	B&A or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M113-43A	S 430	L-5	4500	8.1	A0265456932 or A0255458932	A1121400060	A2204900114 or A2204900214 (underhood) A2204900714 or A2204900814 (underfloor)
M113-43A	E 430 (RWD)	L-5	4000	7.3	A0265456932	A1121400060	A2104902514 (underhood) A2104904214 or A2104904314 (underfloor)
M113-43A	E430 (4WD-FT)	L-5	4250	7.9	A0265456932	A1121400060	A2104902514 (underhood) A2104904214 or A2104904314 (underfloor)

Date Issued:

Revisions:

# 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

## PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: DaimlerChrysler AG Exh. Engine Family: YMBXV05.0GNB Evap. Family: YMBXR0155MNZ  
 All Eng. Codes in Eng. Fam.: CA 49S 50S X AB965 OVRV Yes X NO     
 Exh. Std.: CA Tier-1    TLEV    LEV X ULEV    SULEV    US EPA Tier-1 NLEV  
 Veh. Class(es): PC X LDT1    LDT2    MDV1    MDV2    MDV3    MDV4    MDV5     
 Single Cert. Std. for Multi-Class Eng. Fam.: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Fuel Type(s): Dedicated X Flex-Fuel    Dual-Fuel    Bi-Fuel    Gasoline X Diesel     
                   CNG    LNG    LPG    M85    Other (specify)     
 Emiss. Test Fuel(s): Indo    CBG X CNG    LPG    M85    Other (specify)     
                   Diesel: 13 CCR 2282    40 CFR 86.113-90    40 CFR 86.113-94     
 Evaporative Emission Test Procedure: California    Federal X  
 Service Accum: Std. AMA X Mod. AMA    Mfr ADP    Other (specify)     
 NMOG Test Procedure: N/A    Std. X Equiv    R/L Test Proc.: SHED X Pt Source     
 Engine Configuration: V-8    Displacement: 4.3 / 5.0 Liters 250 / 303 Cubic Inches  
 Valves per Cylinder: 3 Rated HP: 275 @ 5750 / 302 @ 5500 RPM  
 Engine: Front X Middle    Rear    Drive: FWD    RWD X 4WD-FT X 4WD-PT     
 Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2H02S (2) / 2 WU-TWC / 2 TWC  
 (use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (If coded see attachment)	Trans. Type (A 4, M 5, etc.)	ETW or Test Wt	DRA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M113-50	SL 500	L-5	4500	8.2	A0265456932	A1121400060	A1294905514 or A1294905614 (underhood) A2204900714 or A2204900814 (underfloor)
M113-50	S 500	L-5	4500	8.1	A0265456932 or A0255458932	A1121400060	A2204900114 or A2204900214 (underhood) A2204900714 or A2204900814 (underfloor)

Date Issued:

Revisions:

# 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: DaimlerChrysler AG Exh. Engine Family: YMBXV05.0GNB Evap. Family: YMBXR0155LNZ ←  
 All Eng. Codes in Eng. Fam.: CA 49S 50S X AB955 OVRV Yes X NO NO  
 Exh. Std.: CA Tier-1        TLEV        LEV X ULEV        SULEV        US EPA Tier-1 NLEV  
 Veh. Class(es): PC X LDT1        LDT2        MDV1        MDV2        MDV3        MDV4        MDV5         
 Single Cert. Std. for Multi-Class Eng. Fam.: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Fuel Type(s): Dedicated X Flex-Fuel        Dual-Fuel        Bi-Fuel        Gasoline X Diesel         
                   CNG        LNG        LPG        M35        Other (specify)         
 Emiss. Test Fuel(s): Indo        CBG X CNG        LPG        M85        Other (specify)         
                   Diesel: 13 CCR 2282        40 CFR 86.113-90        40 CFR 86.113-94         
 Evaporative Emission Test Procedure: California        Federal X  
 Service Accum: Std. AMA X Mod. AMA        Mfr ADP        Other (specify)         
 NMOG Test Procedure: N/A        Std. X Equiv        R/L Test Proc.: SHED X Pt Source         
 Engine Configuration: V-8        Displacement: 4.3 / 5.0 Liters 250 / 303 Cubic Inches  
 Valves per Cylinder: 3        Rated HP: 275@5750 / 302@5500 RPM  
 Engine: Front X Middle        Rear        Drive: FWD        RWD X 4WD-FT X 4WD-PT         
 Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2H02S (2) / 2 WU-TWC / 2 TWC  
 (use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (If coded see attachment)	Trans. Type (A 4, M 5, etc.)	ETW or Torque	DR or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M113-43B	C43 AMG	L-5	3750	8.4	A0265453132	A1121400060	A2024900536 or A2024900636 (underhood) A2024900336 or A2024900436 (underfloor)
M113-43C	CLK430 (Coupe)	L-5	3750	8.4	A0265456932	A1121400060	A2084900014 or A2084900114 (underhood) A2084900214 or A2084900314 (underfloor)

Date Issued:

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**2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: DaimlerChrysler AG Exh. Engine Family: YMBXV05.0GNB Evap. Family: YMBXR0155LNZ  
 All Eng. Codes in Eng. Fam.: CA 49S 50S X AB965 OVRV Yes X NO     
 Exh. Std.: CA Tier-1    TLEV    LEV X ULEV    SULEV    US EPA Tier-1 NLEV  
 Veh. Class(es): PC X LDT1    LDT2    MDV1    MDV2    MDV3    MDV4    MDV5     
 Single Cert. Std. for Multi-Class Eng. Fam.: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Fuel Type(s): Dedicated X Flex-Fuel    Dual-Fuel    Bi-Fuel    Gasoline X Diesel     
                   CNG    LNG    LPG    M85    Other (specify)     
 Emiss. Test Fuel(s): Indo    CBG X CNG    LPG    M85    Other (specify)     
                   Diesel: 13 CCR 2282    40 CFR 86.113-90    40 CFR 86.113-94     
 Evaporative Emission Test Procedure: California    Federal X  
 Service Accum: Std. AMA X Mod. AMA    Mfr ADP    Other (specify)     
 NMOG Test Procedure: N/A    Std. X Equiv    R/L Test Proc.: SHED X Pt Source     
 Engine Configuration: V-6 Displacement: 4.3 / 5.0 Liters 260 / 303 Cubic Inches  
 Valves per Cylinder: 3 Rated HP: 275@5750 / 302@5500 RPM  
 Engine: Front X Middle    Rear    Drive: FWD    RWD X 4WD-FT X 4WD-PT     
 Exhaust ECS (eg., MFI, EGR, TC, CAC): SFI / AIR / EGR / 2H02S (2) / 2 WU-TWC / 2 TWC  
 (use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Model (If coded see attachment)	Trans. Type (A 4, M 5, etc.)	ETW or Test Wt.	DRA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M113-43C	CLK 430 (Convertible)	L-5	3750	6.4	A0265456932	A1121400060	A2084900014 or A2084900114 (underhood) A2084900214 or A2084900314 (underfloor)

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